

**In the claims:**

**Rewrite claim 19 as follows:**

**19) (Rewritten) A structural composite sandwich comprising:**

- A) a micro multi-void core having two planar surfaces and including a plurality of continuous, parallel, longitudinal channels; and**
- B) at least one layer of a composite stiffening material attached to each of said two planar surfaces.**

**In claims 2-18 at line 1 after "The" insert - - structural - -;**

**In claims 2-5 and 10-14 before "multi-void" insert - - micro - -;**

**In claims 2,**

**Add the following new claim 20:**

**20) The structural composite sandwich of claim 19 wherein said micro multi-void is fabricated from a metal and said at least one layer of a composite stiffening material comprises a metal matrix composite.**

**The claims now appear as follows:**

### **Listing of Claims**

- 1) (Canceled)
- 2) (Amended) The **structural** composite sandwich of claim [[1]] **19** wherein said **micro** multi-void core comprises a member selected from the group consisting of polymers and metals.
- 3) The **structural** composite sandwich of claim 2 wherein said **micro** multi-void core is fabricated from aluminum, copper or alloys of aluminum or copper.
- 4) The **structural** composite sandwich of claim 2 wherein said **micro** multi-void core is fabricated from a polymer, copolymer or mixture of polymers.
- 5) The **structural** composite sandwich of claim 2 wherein said **micro** multi-void core comprises an extrusion.
- 6) The **structural** composite sandwich of claim 2 wherein said layers of composite stiffening material comprise a member selected from the group consisting of metal matrix and polymer matrix composites.

- 7) The structural composite sandwich of claim 6 wherein said layers of composite stiffening material comprises a metal matrix composite.
- 8) The structural composite sandwich of claim 2 wherein said core comprises an aluminum or aluminum alloy extrusion, and said layers of composite stiffening material comprise an aluminum metal matrix composite.
- 9) The structural composite sandwich of claim 8 wherein said aluminum metal matrix composite includes continuous ceramic fibers or ceramic particles.
- 10) The structural composite sandwich of claim ~~[[1]]~~ 19 wherein said micro multi-void core comprises a micro, multi-void.
- 11) The structural composite sandwich of claim 10 wherein said micro multi-void core comprises a member selected from the group consisting of polymers and metals.
- 12) The structural composite sandwich of claim 11 wherein said micro multi-void core is fabricated from aluminum, copper or alloys of aluminum or copper.

13) The structural composite sandwich of claim 11 wherein said micro multi-void core is fabricated from a polymer, copolymer or mixture of polymers.

14) The structural composite sandwich of claim 11 wherein said micro multi-void core comprises an extrusion.

15) The structural composite sandwich of claim 11 wherein said layers of composite stiffening material comprise a member selected from the group consisting of metal matrix and polymer matrix composites.

16) The structural composite sandwich of claim 15 wherein said layers of composite stiffening material comprises a metal matrix composite.

17) The structural composite sandwich of claim 11 wherein said core comprises an aluminum or aluminum alloy extrusion, and said layers of composite stiffening material comprise an aluminum metal matrix composite.

18) The structural composite sandwich of claim 17 wherein said aluminum metal matrix composite includes continuous ceramic fibers or ceramic particles.

**19) (Reqritten) A structural composite sandwich comprising:**

- C) a micro multi-void core having two planar surfaces and including a plurality of continuous, parallel, longitudinal channels; and**
- D) at least one layer of a composite stiffening material attached to each of said two planar surfaces.**

**20) (New) The structural composite sandwich of claim 19 wherein said micro multi-void is fabricated from a metal and said at least one layer of a composite stiffening material comprises a metal matrix composite.**